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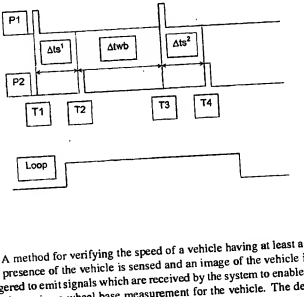
(54) Title: VEHICLE SPEED DETERMINATION SYSTEM AND METHOD



(57) Abstract: A method for verifying the speed of a vehicle having at least a front axle and a rear axle, using sensors separated by a distance. The presence of the vehicle is sensed and an image of the vehicle is recorded to enable the vehicle to be identified. The sensors are triggered to emit signals which are received by the system to enable the speed of the vehicle to be determined. The signals are also used to determine a wheel base measurement for the vehicle. The determined wheel base measurement is compared to an actual wheel base measurement of the vehicle being sensed and any discrepancy between them is taken to be indicative of potential errors in the speed of the vehicle determined by the method. In one embodiment, the a database is provided, the database containing data relating to various vehicle types associated with vehicle specifications including a validated wheel base measurement for each vehicle type.

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